

**DETAILED ACTION**

***Allowable Subject Matter***

1. Claims 1-19 are allowed.

**EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Guy Eriksen on 10/27/2008.

In claim 1, line 1, -DOCSIS- is added after the words "In a".

In claim 1, line 8, -data- is added before the word "channels".

In claim 8, line 1, -DOCSIS compliant- is added after the word "bi-directional".

In claim 8, line 9, -data- is added before the words "channels for".

In claim 17, line 1, -DOCSIS- is added after the words "In a".

In claim 17, line 18, -data- is added before the word "channels".

***Response to Arguments***

3. Applicant's arguments, see Appeal Brief, filed 1/13/2009, with respect to claims 1-19 have been fully considered and are persuasive. The rejection of claims 1-19 has been withdrawn.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to WANDA Z. RUSSELL whose telephone number is (571)270-1796. The examiner can normally be reached on Monday-Thursday 9:00-6:00 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema Rao can be reached on (571) 272-3174. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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/Wanda Z Russell/  
Examiner, Art Unit 2416